

## 2005 Automated Critical Peak Pricing Pilot

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### Participation Requirements

#### Between

**Environmental Energy Technologies Division,  
Lawrence Berkeley National Laboratory (LBNL)**

#### And

**Participant Company Name**

### **Test Participants for Demand Responsive Technology Demonstration**

**Purpose:** The purpose of this document is to describe the plans for the upcoming project and establish the roles of each party in its implementation. This is not a legally binding document.

**Introduction:** LBNL is conducting a research project for the California Energy Commission and Pacific Gas and Electric Company to test automated Critical Peak Pricing technologies in commercial buildings. Detailed information about the planned project is included in the LBNL document titled, “Automated Critical Peak Pricing in Large Commercial Facilities”, dated May 16, 2005.

### **Responsibilities**

LBNL agrees to:

- Promptly respond to general comments, questions and concerns of the participants including those about controls, communications and shed strategies.
- Develop a measurement strategy for each demand shed and provide technical support as required for the tests.
- Schedule the price signal as outlined by PG&E.
- Award the participating entity the fixed price sum of \$1,000.00 U.S. Dollars as a participation incentive.

Participant agrees to:

- Select appropriate shed strategies and implement them in a manner appropriate for their site.
- Provide information to LBNL about the facilities, control systems, shed strategies, energy consumption patterns, and performance measurement systems.
- Participate in the test as described in the test plan.
- Collaborate with LBNL as necessary to implement and perform the tests.



- If changes in circumstances cause the participant to drop out of the test, inform LBNL of these changes.
- Develop over-ride and fall-back strategies to switch to manual operation and activate facility shedding if the Auto-CPP system fails.

### Collection of Information on Demand Response System

LBNL will collect and compile the following types of information, including but not limited to:

- Site characteristics (size, type, location, HVAC systems, etc.)
- Characteristics of controls, communications and monitoring systems installed at the site.
- HVAC, control, communications, energy, and other building time series data during the test to evaluate the shed.
- Strategies for aforementioned equipment during normal and shed modes.

The Participant agrees to provide the above information to LBNL. The Participant also allows it to be published and presented publicly. Upon Participant's advance request and PG&E's permission, LBNL will provide a copy of the report to Participant prior to making such report public. LBNL is in not responsible for any issues that arise at the building facility as a result of the tests.

In addition to this document, I have read the document describing the Auto-CPP test titled, "**Automated Critical Peak Pricing Pilot in Large Commercial Facilities**", dated May 16, 2005. This participation requirements document applies to the following sites:

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Site Name, Address

Signed:

Mary Ann Piette  
Staff Scientist, and Deputy Group Leader  
Lawrence Berkeley National Laboratory

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Signature:

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Date:

Name of Owner Representative  
Title  
Company Name

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Signature:

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Date: